

LIST OF CURRENT CLAIMS

1. (Currently Amended) A light control film having a rough surface pattern defining, for each cross-section perpendicular to a base plane of the film, a profile curve along an edge contoured by the rough surface pattern, wherein ~~in any cross-section for substantially all cross-sections~~ perpendicular to ~~a~~ the base plane of the film, the profile curve has an average of absolute values of slope (θ_{ave} (degree)) ~~of a curve along the edge of the cross section contoured by the rough surface pattern (hereinafter a profile curve) to~~ said base plane θ_{ave} which is at least 20° ~~or higher and no greater than~~ 75° ~~or lower for substantially all cross sections.~~

2. (Currently Amended) A light control film ~~having a rough surface patterned including a surface layer, said surface layer having a rough surface pattern defining, for each cross-section perpendicular to a base plane of the film, a profile curve along an edge contoured by the rough surface pattern, said surface layer formed of a comprising material of having a refractive refraction index n, wherein in any cross-section for substantially all cross sections perpendicular to the a base plane of the film~~[[,]] the profile curve has an average of absolute values of slope (θ_{ave} (degree)) ~~of a curve along the edge of the cross section contoured by the rough surface pattern (hereinafter a profile curve) to said base plane~~ θ_{ave} which is at least [[()]78-34n[()]] degree ~~or higher degrees and no greater than~~ [[()]118-34n[()]] degree ~~or lower for substantially all cross sections~~ degrees.

3. (Currently Amended) A light control film according to claim 1, wherein difference in said average of absolute values value of slopes ~~due to difference slope between cross-sections in different directions of the cross sections including a profile curve~~ is within 30 degrees degrees.

4. (Currently Amended) A light control film having a rough surface pattern defining, for each cross-section perpendicular to a base plane of the film, a profile curve

along an edge contoured by the rough surface pattern, wherein ~~in any cross-section for~~ substantially all cross-sections perpendicular to ~~the a~~ base plane of the film~~[[,]]~~ the profile curve has an average of absolute values of slope (θ_{ave} -(degree)) ~~of a curve along the edge of the cross-section contoured by the rough surface pattern (hereinafter a profile curve) to~~ said base plane θ_{ave} and ~~the~~ has a ratio $[[()]]Lr = L2/L1[()]]$ of the length $[[()]]L2[()]]$ of said profile curve to the length $[[()]]L1[()]]$ of a straight line defined by the intersection of said base plane and the ~~cross-section~~ cross-section satisfy the following: ~~Formula (1) or Formula (2).~~

$$\theta_{ave} \div Lr \geq 20 \text{ and} \quad (1)$$

$$25 \leq \theta_{ave} \times Lr \leq 60. \quad (2)$$

5. (Currently Amended) A light control film ~~having a rough surface patterned layer including a surface layer of comprising a material with having a refractive refraction~~ index n , said surface layer having a rough surface pattern defining, for each cross-section perpendicular to a base plane of the film, a profile curve along an edge contoured by the rough surface pattern, wherein ~~in any cross-section for~~ substantially all cross-sections perpendicular to ~~the a~~ base plane of the film, the profile curve has an average of absolute values of slope θ_{ave} -(degree)) ~~of a curve along the edge of the cross-section contoured by the rough surface pattern (hereinafter a~~ of the profile curve[()]] to said base plane θ_{ave} and ~~the~~ has a ratio $[[()]]Lr = L2/L1[()]]$ of the length $[[()]]L12[()]]$ of said profile curve to the length $[[()]]L1[()]]$ of a straight line defined by the intersection of said base plane and the ~~cross-section~~ cross sections satisfy the following Formula: ~~(3) or Formula (4).~~

$$\theta_{ave} \div Lr \times n^2 \geq 40 \text{ and} \quad (3)$$

$$50 \leq \theta_{ave} \times Lr \times n^2 \leq 135. \quad (4)$$

6. (Currently Amended) A light control film according to claim 1, wherein the average of absolute values of slope $[[()]]\theta_{ave}[()]]$ of said profile curve increases gradually from ~~a the first direction in which the direction of cross section in a first direction is~~ parallel with the base plane of said light control film towards another cross-section in a the

~~second direction in which the direction of cross section is parallel with the base plane of said light control film and perpendicular to said first direction.~~

7. (Currently Amended) A light control film according to claim 1, wherein ~~slopes the slope~~ of said profile curve (~~rough surface pattern~~) to the base plane increases or decreases gradually from one end towards another end of the film.

8. (Currently Amended) A backlight comprising a light control film according to claim 1, and a light source, wherein said light control film ~~is used in a backlight and, when~~ has a profile curve on a ~~cross-section~~ cross-section ~~almost approximately~~ orthogonally crossing a longitudinal ~~direction axis~~ of the light source ~~of said backlight is which,~~ divided ~~with~~ into segments at a certain interval, ~~has an and the~~ average of absolute values of slope ~~of the inclining surface on~~ calculated for all segments facing the light source ~~side of said profile curve is calculated for each interval, said average of absolute values of slope which~~ increases towards the light source.

9. (Currently Amended) A backlight comprising a light control film according to claim 1, and a light source, wherein said light control film ~~has~~ is used in a backlight, and ~~when~~ a profile curve on a ~~cross-section~~ cross-section ~~almost approximately~~ orthogonally crossing a longitudinal axis ~~direction~~ of the light source ~~which,~~ of said backlight is divided ~~with~~ into segments at a certain interval, ~~and has an and the~~ average of absolute values of slope calculated for all segments facing away from ~~of the inclining surface on the opposite side to said light source which of said profile curve is calculated of each interval, said average of absolute values of slope~~ decreases towards the light source.

10. (Currently Amended) A backlight device comprising a light guiding plate, at least one ~~equipped with a~~ light source located at an edge thereof, said light guiding plate ~~least on one end and~~ having a light emergent surface approximately orthogonal to almost ~~orthogonally crossing said edge one end,~~ and a light control film according to claim 1

located on the light emergent surface of said light guiding plate, ~~wherein said light control film is a light control film according to any one of claims 1 to 9.~~

11. (Currently amended) A backlight device according to Claim 13, wherein the light control film is located so that the one first direction is parallel to the one end of the light guiding plate where the light source is located.

12. (Currently Amended) A backlight device comprising a light control film according to claim 1, a light source, and a light diffusing material between said and a light source and said light control film in this order, said light source being located at the surface opposite to the light emergent surface of said light control film, wherein a light control film according to one of claims 1-9 is used as said light control film.

13. (Previously Presented) A backlight device comprising a light guiding plate equipped with a light source at least on one end and having a light emergent surface almost orthogonally crossing said one end, and a light control film located on the light emergent surface of said light guiding plate, wherein said light control film is a light control film according to claim 6.

14. (New) A light control film according to claim 1 wherein θ_{ave} is at least 25 degrees and no greater than 60 degrees.

15. (New) A light control film according to claim 2 wherein θ_{ave} is at least 25 degrees and no greater than 60 degrees.

16. (New) A light control film according to claim 1 wherein θ_{ave} is at least 30 degrees and no greater than 50 degrees.

17. (New) A light control film according to claim 2 wherein θ_{ave} is at least 30 degrees and no greater than 50 degrees.

18. (New) A backlight comprising a light control film according to claim 9, and a light source, wherein said light control film has a profile curve on a cross-section approximately orthogonally crossing a longitudinal axis of the light source which, divided into segments at a certain interval, has an average of absolute values of slope calculated for all segments facing the light source which increases towards the light source.